

10/592995

ATTORNEY DOCKET NO. 21085.0063U2

## SEQUENCE LISTING

&lt;110&gt; Roy, Deodutta

<120> METHODS AND COMPOSITIONS FOR SKCG-1, A  
TUMOR SUPPRESSOR GENE

&lt;130&gt; 21085.0063U2

&lt;150&gt; PCT/US2005/008568

&lt;151&gt; 2005-03-15

&lt;150&gt; 60/553,419

&lt;151&gt; 2004-03-16

&lt;160&gt; 7

&lt;170&gt; FastSEQ for Windows Version 4.0

&lt;210&gt; 1

&lt;211&gt; 124

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence:/note =  
synthetic construct

&lt;400&gt; 1

Met Arg Ile Phe Thr Phe Ile Phe Ala Tyr Ser Gln Thr Thr Phe Ile  
1 5 10 15  
Gln Leu Glu Phe Ser Pro Ser Ser Ile Tyr Tyr Leu Leu Leu Trp Val  
20 25 30  
Lys Thr Asn Leu Ser Val Ser Ala Val Cys Lys Leu Ala Trp Ala Leu  
35 40 45  
Arg Ala Ala Gly Leu Asn Arg Asn Tyr Pro Arg Val Asn Lys Asn Val  
50 55 60  
Ile Lys Phe Lys Thr Thr Ala Pro Ser Pro Ala Leu Asp Ser Phe Met  
65 70 75 80  
Pro Gln Met Leu Thr Val Cys Lys Cys Phe Leu Cys Glu Ala Leu Ala  
85 90 95  
Trp Lys His Leu Asn Leu Ile Ala Leu Tyr Val Cys Leu Tyr Gln Lys  
100 105 110  
Ser Tyr Ala Gln Ile His Cys Gln Pro Ser Asn Ser  
115 120

<210> 2  
<211> 375  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence:/note =  
synthetic construct

<400> 2  
atgaggattt tacttttat ttccgcctac agtcaaacta ccttatcca attagaattt 60  
tcaccctcat ctatTTTatta tctccTGCTC tgggtaaaaaa caaacCTGAG tgtCTCTGCC 120  
gtgtGCAAAT tagcctGGGC tctgagggcg gcaggGCTGA atagaaACTA tcctcgAGTG 180  
aataaaaATG ttattAAATT taaaACCACA gccccATCAC cagcaCTGGA ttccTTTATG 240  
ccacAGATGT tgactGTTG caagtTTTC ctctGTGAGG cactGGCTG gaagcATTG 300  
aacctaataG cattatATGT gtgtttatAT cagaaATCAT atgcACAGAT acattGCCAG 360  
ccttcaaatt catAG 375

<210> 3  
<211> 2090  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence:/note =  
synthetic construct

<400> 3  
ctacCTGcac ttccTTTcta ctgtcacaAT atcaatatac tcagctacAG cttagtCTCC 60  
ccatTTAACa gataaggCCA ctgaggCTTA gtgagTTCA atgacCTGCC tgaagtCTATG 120  
gagcaggGtg tgacAAAAGT gggAAAactG gaatcAGAAT cactTCACCC acccCTAAcc 180  
tcaccAGAAC agtGTTTCA attCTAGCTA cacATTAaaa tcactGGAGA ggttttaaaa 240  
atactGAAAC ccaggCTCTG tacacAGTGA ttccATTTAA ctggTCTGAG gtggggCCTA 300  
ggcactGGTA tggTTTAAAG gtttCTTGG tattttttt ttccAGTTAC ttTCTTTAA 360  
aaaattttt tttaactTTT cattGAAAT aatttCAGAC ttccAAAAAA agatGTGAAA 420  
tagtacaAAAG cagtCCTGtg tattttccc cgggttttc caaatGTTAA catCTTACAT 480  
acccacAGCG cagCTATCAA agccaggATA ttaacATTGA tacaATACCA ttcaACTAATC 540  
cacAGACCTT attCAAACGG tatcaATGGA gcttGGTgGA tagttCTAAA tcattCTGGA 600  
gacctCatta ttttagtta ttccatCCCT ttagtGtACT tgaatCTTc ctaggtGATC 660  
ttaatGTGCA gccaggGCTG agaactGCTG ggtgtggacG gtggagCCTG gagttAGT 720  
tctacGAGTA gacttaATTG gctttacGGT gcattttttt ctccccGTTc tctgacATGT 780  
aagAGCTATG tctgAAAATC tagtataTTT ctaagCTATT gttatGCTGC tgatGGGATG 840  
aatcatttGA agatttCTGA ctatTTTAT gaagtGACAG ttatATCTGC tgggaggAGA 900  
aatgAGCCCT agtataTTTc atagcaAGGT tactGCCACC tagttGAAAAA atggAAAATG 960  
gtgtattTTGG gaggGAAGAG ttGAAGAGCT ttCAAATATG aactcacaAG tcagtGGGCT 1020  
aggTCTTCGc agaactCAAT gCcattCTT ggatGTgAGT ctggAAATACA gtttagATT 1080  
taattAGAGA tGTGCTGGAC CTTAATGTA atgtattTAG atagggAAAGC caaAGACACT 1140  
aaactGAAAAC CTTGcATTt CCTACAGATG gtttattAAA ttGAAATATG tctCTTAACC 1200  
tctggTCTG accCTGCTGT tgcaaAGATG agtCATTGAA acatCAGCCT gtctGTTATC 1260  
ctGAATGACT ggCTGGAGTG gCCCggCTGG aggCACCACt tggtAAACACA tGAAACTGTT 1320  
tagttCATGA ggattttac ttttattttc gcctACAGTC aaactACCTT tatCCAATTA 1380  
gaattttcAC CTCATCTAT ttattatCTC ctgCTCTGGG taaaaACAAA CCTGAGTGTc 1440  
tctGCCGTTG gcaaattAGC ctggGCTCTG agggCggcAG ggCTGAATAG aaactATCT 1500  
cgagtGAATA aaaatGTTAT taaattAAA accACAGCCC catcAccAGC actGGATTC 1560  
tttatGCCAC agatGTTGAC tggTTGCAAG tggTTCTCT gtgaggCAct ggCTTGGAAg 1620  
catttGAACC taatAGCATT atatGTGTGT ttatATCAGA aatCATATGC acagataCAT 1680  
tgccAGCCTT CAAATTCTA gagAAAACAA ttggCTCCG tggtGTTAGG tagcAGCCAG 1740

ggctgtggcc ttgtgggtcc cagcacagga gactttca taacccctg ggcttggaa 1800  
catgctgctg cctctgccaa gtacaccctt gtctcccacc acccctctt tcctggctca 1860  
ctgctgccac ctcctcttgg aagccttcct tgatttcctc ccccaacctg agttagaagt 1920  
ctttccata tatttgacaca atactcagtg cttctatgtg ctgcagtaaa agtaattgtt 1980  
tatttgtctg atttcttcac atgcttagcac ctgcaggat gcctgccaca tagaaagtgc 2040  
ctatgataat gtgtgtgtgt gaataaatga atgataaatg aaaaaaaaaa 2090

<210> 4  
<211> 10  
<212> DNA

<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence:/note =  
synthetic construct

<400> 4  
tctgtgctgg 10

<210> 5  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence:/note =  
synthetic construct

<400> 5  
ccagcacaga 10

<210> 6  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence:/note =  
synthetic construct

<400> 6  
ccagtgctgg 10

<210> 7  
<211> 6  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence:/note =  
synthetic construct

<400> 7  
aataaa 6